### (19) World Intellectual Property Organization

International Bureau



## 

(43) International Publication Date 28 July 2005 (28.07.2005)

**PCT** 

# (10) International Publication Number WO 2005/069624 A2

(51) International Patent Classification<sup>7</sup>:

H04N 7/24

(21) International Application Number:

PCT/EP2005/050026

- (22) International Filing Date: 4 January 2005 (04.01.2005)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: FR0400068

6 January 2004 (06.01.2004) FR

- (71) Applicant (for all designated States except US): THOM-SON LICENSING SA [FR/FR]; 46, Quai Alphonse Le Gallo, F-92100 Boulogne Billancourt (FR).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): SCHAEFER, Ralf [DE/FR]; 7 ter rue de la Lande, F-35690 Acigne (FR). MAETZ, Yves [FR/FR]; 7 square du roi Tristan, F-35520 Melesse (FR).
- (74) Agents: LE DANTEC, Claude et al.; Thomson, 46, Quai Alphonse Le Gallo, F-92100 Boulogne Billancourt (FR).

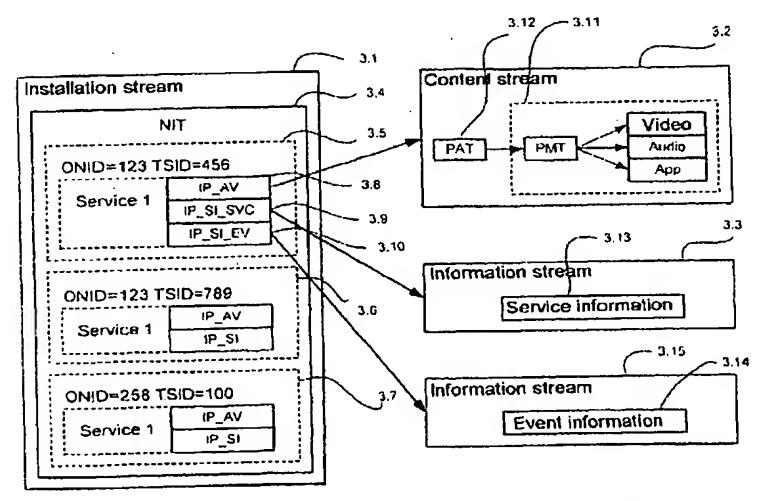
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

#### Published:

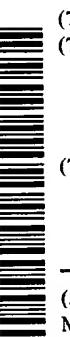
 without international search report and to be republished upon receipt of that report

[Continued on next page]

(54) Title: METHOD OF TRANSMITTING DIGITAL SERVICES OVER A NETWORK AND DEVICE IMPLEMENTING THE METHOD



(57) Abstract: Within the context of the broadcasting of DVB services over an IP network, the trend is to separate the signalling information describing the network and the services offered from the services themselves. The signalling is made available to the terminals via XML files available on ITTP servers. In contrast to this approach, the invention consists of a method of recognition, by a receiver connected to a bidirectional network, of digital services on the bidirectional network, which comprises a step in which the receiver connects to a first stream, a step in which the receiver extracts from said stream information on the location on the network, on the one hand, of streams conveying the content of these services and, on the other hand, of separate streams conveying information describing these services, a step in which the receiver connects to at least some of the streams conveying service description information to obtain information on these services and a step in which the receiver uses this information to construct a list, possibly unitary, of the services available on the network.



## 

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.